

Day : Monday
Date: 7/10/2006

Time: 09:54:44

**PALM INTRANET**

Inventor Information for 10/601262

Inventor Name	City	State/Country
LIU, YE	SINGAPORE	SINGAPORE
WANG, SHU	SINGAPORE	SINGAPORE
HE, CHAOBIN	SINGAPORE	SINGAPORE

[Appln Info](#)[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity/Reexam](#)[Foreign C](#)

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PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

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WEST Search History

DATE: Monday, July 10, 2006

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L15	L14 and "DNA"	1
<input type="checkbox"/>	L14	L13 and bioactive agent	1
<input type="checkbox"/>	L13	L12 and (secondary or "sec-") near3 (amino or amine)	1
<input type="checkbox"/>	L12	L11 and (tertiary or "tert-") near3 (amine or amino)	5
<input type="checkbox"/>	L11	(diamine or "1-(2_aminoethyl)piperazine" or "N-methyl ethylenediamine" or "4-(aminomethyl)piperidine" or "4-amino-piperidine" or "N-hexylethylenediamine" or "N-butylethylenediamine" or "3-aminopyrrolidine") and (polyamino ester or polyamino ester)	6
		<i>DB=EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L10	SU-1016317-A.did.	0
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L9	L8 and ethylene diacrylate	1
<input type="checkbox"/>	L8	L7 and (diamine or "1-(2_aminoethyl)piperazine" or "N-methyl ethylenediamine" or "4-(aminomethyl)piperidine" or "4-amino-piperidine" or "N-hexylethylenediamine" or "N-butylethylenediamine" or "3-aminopyrrolidine")	2
<input type="checkbox"/>	L7	polyamino ester and ("bis(acrylate ester)" or "diacrylate")	3
		<i>DB=DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	polyamino ester and (bisacrylate ester monomer\$1 or "1,4-butanediol diacrylate" or "1,4-butanediol dimethylacrylate" or "1,2-ethanediol diacrylate" or "1,6-hexanediol diacrylate" or "poly(ethyl glycol) diacrylate" or "2,5-hexanediol diacrylate" or "ethylene diacrylate" or "1,3-propanediol diacrylate")	0
		<i>DB=EPAB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L5	polyamino ester and (bisacrylate ester monomer\$1 or "1,4-butanediol diacrylate" or "1,4-butanediol dimethylacrylate" or "1,2-ethanediol diacrylate" or "1,6-hexanediol diacrylate" or "poly(ethyl glycol) diacrylate" or "2,5-hexanediol diacrylate" or "ethylene diacrylate" or "1,3-propanediol diacrylate")	0
		<i>DB=USPT,USOC; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L4	polyamino ester and (bisacrylate ester monomer\$1 or "1,4-butanediol diacrylate" or "1,4-butanediol dimethylacrylate" or "1,2-ethanediol diacrylate" or "1,6-hexanediol diacrylate" or "poly(ethyl glycol) diacrylate" or "2,5-hexanediol diacrylate" or "ethylene diacrylate" or "1,3-propanediol diacrylate")	0
		<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	polyamino ester and (bisacrylate ester monomer\$1 or "1,4-butanediol diacrylate" or "1,4-butanediol dimethylacrylate" or "1,2-ethanediol diacrylate" or "1,6-	1

hexanediol diacrylate" or "poly(ethyl glycol) diacrylate" or "2,5-hexanediol diacrylate" or "ethylene diacrylate" or "1,3-propanediol diacrylate")

DB=EPAB; PLUR=YES; OP=ADJ

┐ L2 GB-1598988-A.did. 0

DB=EPAB,DWPI; PLUR=YES; OP=ADJ

┐ L1 polyamino ester and (bioactive agent or molecule or "DNA") 1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040260115 A1

L12: Entry 1 of 5

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260115
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040260115 A1

TITLE: Polymers for the delivery of bioactive agents and methods of their preparation

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Liu, Ye	Singapore		SG
Wang, Shu	Singapore		SG
He, Chaobin	Singapore		SG

US-CL-CURRENT: 560/155

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 4523028 A

L12: Entry 2 of 5

File: USPT

Jun 11, 1985

US-PAT-NO: 4523028
DOCUMENT-IDENTIFIER: US 4523028 A

TITLE: Acrylic or methacrylic terminated oligomers

DATE-ISSUED: June 11, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelley; Everett J.	Moorestown	NJ		

US-CL-CURRENT: 560/199; 560/193, 560/197, 560/198

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: US 4463150 A

L12: Entry 3 of 5

File: USPT

Jul 31, 1984

US-PAT-NO: 4463150

DOCUMENT-IDENTIFIER: US 4463150 A

TITLE: Acrylic or methacrylic terminated oligomers

DATE-ISSUED: July 31, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelley; Everett J.	Moorestown	NJ		

US-CL-CURRENT: 526/292.4; 526/309, 526/318, 526/320

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 4. Document ID: US 4400500 A

L12: Entry 4 of 5

File: USPT

Aug 23, 1983

US-PAT-NO: 4400500

DOCUMENT-IDENTIFIER: US 4400500 A

TITLE: Polyaminoester thermosetting resins

DATE-ISSUED: August 23, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelley; Everett J.	Moorestown	NJ		
Ilenda; Casmir S.	Hulmeville	PA		

US-CL-CURRENT: 528/345; 521/184, 524/602, 525/420, 528/205, 528/211, 528/341,
528/342

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 5. Document ID: US 4396760 A

L12: Entry 5 of 5

File: USPT

Aug 2, 1983

US-PAT-NO: 4396760

DOCUMENT-IDENTIFIER: US 4396760 A

**** See image for Certificate of Correction ****

TITLE: Polyaminoester resins from acrylic terminated polyethylene maleates and polyfunctional amines

DATE-ISSUED: August 2, 1983

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kelley; Everett J.	Moorestown	NJ		

US-CL-CURRENT: 528/345; 521/184, 524/602, 525/420, 528/205, 528/211, 528/341,
528/342

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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Term	Documents
TERTIARY	229247
TERT	173911
TERT	173911
TERTIARY	229247
AMINE	364614
AMINES	252212
AMINO	464263
AMINOES	4
AMINOS	897
AMINOE	305
(11 AND ((TERTIARY OR TERT-) NEAR3 (AMINE OR AMINO))) .PGPB,USPT,USOC.	5
(L11 AND (TERTIARY OR "TERT-") NEAR3 (AMINE OR AMINO)) .PGPB,USPT,USOC.	5

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Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 20040260115 A1

L3: Entry 1 of 1

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260115

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040260115 A1

TITLE: Polymers for the delivery of bioactive agents and methods of their preparation

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Liu, Ye	Singapore		SG
Wang, Shu	Singapore		SG
He, Chaobin	Singapore		SG

US-CL-CURRENT: [560/155](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keyword	Drawings
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Term	Documents
POLYAMINO	10364
POLYAMINOES	0
POLYAMINOS	10
POLYAMINOE	1
ESTER	437926
ESTERS	435674
BISACRYLATE	266
BISACRYLATES	332
"1,4-BUTANEDIOL DIACRYLATE"	0
"1,4-BUTANEDIOL DIMETHYLACRYLATE"	0
"1,2-ETHANEDIOL DIACRYLATE"	0

(POLYAMINO ESTER AND (BISACRYLATE ESTER MONOMER\$1 OR "1,4-BUTANEDIOL DIACRYLATE" OR "1,4-BUTANEDIOL DIMETHYLACRYLATE" OR "1,2-ETHANEDIOL DIACRYLATE" OR "1,6-HEXANEDIOL DIACRYLATE" OR "POLY(ETHYL GLYCOL) DIACRYLATE" OR "2,5-HEXANEDIOL DIACRYLATE" OR "ETHYLENE DIACRYLATE" OR "1,3-PROPANEDIOL DIACRYLATE")) .PGPB,USPT,USOC.	1
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Search Results - Record(s) 1 through 3 of 3 returned.

1. Document ID: US 20040260115 A1

L7: Entry 1 of 3

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260115
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040260115 A1

TITLE: Polymers for the delivery of bioactive agents and methods of their preparation

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Liu, Ye	Singapore		SG
Wang, Shu	Singapore		SG
He, Chaobin	Singapore		SG

US-CL-CURRENT: 560/155

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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2. Document ID: JP 03292328 A

L7: Entry 2 of 3

File: DWPI

Dec 24, 1991

DERWENT-ACC-NO: 1992-046233
DERWENT-WEEK: 199206
COPYRIGHT 2006 DERWENT INFORMATION LTD
TITLE: Di:acetylene poly:amino ester(s) - with good solid phase reactivity and mouldability, used for nonlinear, optical, composite materials

INVENTOR: KATO, J; NAKAMURA, K

PRIORITY-DATA: 1990JP-0093891 (April 11, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 03292328 A</u>	December 24, 1991		000	

INT-CL (IPC): C08F 299/00; C08G 73/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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3. Document ID: SU 1016317 A

L7: Entry 3 of 3

File: DWPI

May 7, 1983

DERWENT-ACC-NO: 1984-067234

DERWENT-WEEK: 198411

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TITLE: Rapid, simplified manufacture of poly-amino ester(s) - by reacting aliphatic di:amine(s) with di:acrylic ester(s) in cold aqueous solution

INVENTOR: KABANOV, V A; KARGINA, O V ; KISELEV, V Y A

PRIORITY-DATA: 1981SU-3354486 (November 13, 1981), 1981SU-3354485 (November 13, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1016317 A	May 7, 1983		005	

INT-CL (IPC): C08G 73/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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Term	Documents
POLYAMINO	12884
POLYAMINOES	0
POLYAMINOS	10
POLYAMINOE	1
ESTER	720069
ESTERS	522576
"BIS (ACRYLATE ESTER) "	0
DIACRYLATE	27937
DIACRYLATES	5626
((POLYAMINO ADJ ESTER) AND ("BIS (ACRYLATE ESTER) " OR DIACRYLATE)) . PGPB, USPT, USOC, EPAB, JPAB, DWPI .	3
(POLYAMINO ESTER AND ("BIS (ACRYLATE ESTER) " OR "DIACRYLATE")) . PGPB, USPT, USOC, EPAB, JPAB, DWPI .	3

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(("6486214") or ("6217912") or ("6153596") or ("6267987") or ("6210717") or ("5180424")).PN.	USPAT	OR	OFF	2006/07/10 11:48
L2	584	"560"/\$.ccls. and (polyamino ester or polyamine ester) and (bisacrylate or diacrylate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 11:50
L3	578	2 and (solvent or "THF" or tetrahydrofuran or hexane or methanol or glyme or ethanol or chloroform or carbon tetrachloride or benzene)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 11:52
L4	18	3 and heterocyclic near3 (diamine or amine)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 11:52
L5	8	4 and "526"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 11:59
L7	0	6 and ("3-aminopyrrolidine" or "N-hexylethylenediamine" or "N-butylethylenediamine" or "4-(aminomethyl)piperidine")	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 11:58